

FIG. 1

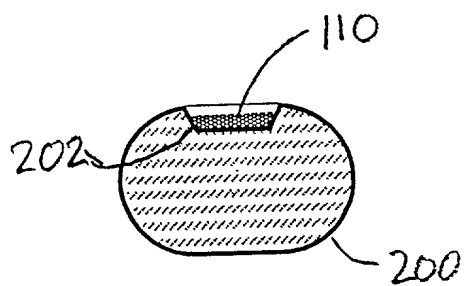


FIG. 2a

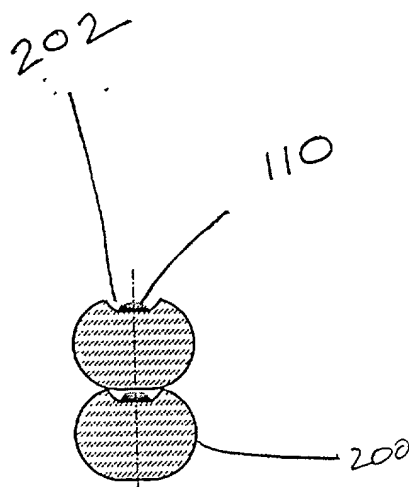


Fig 2b

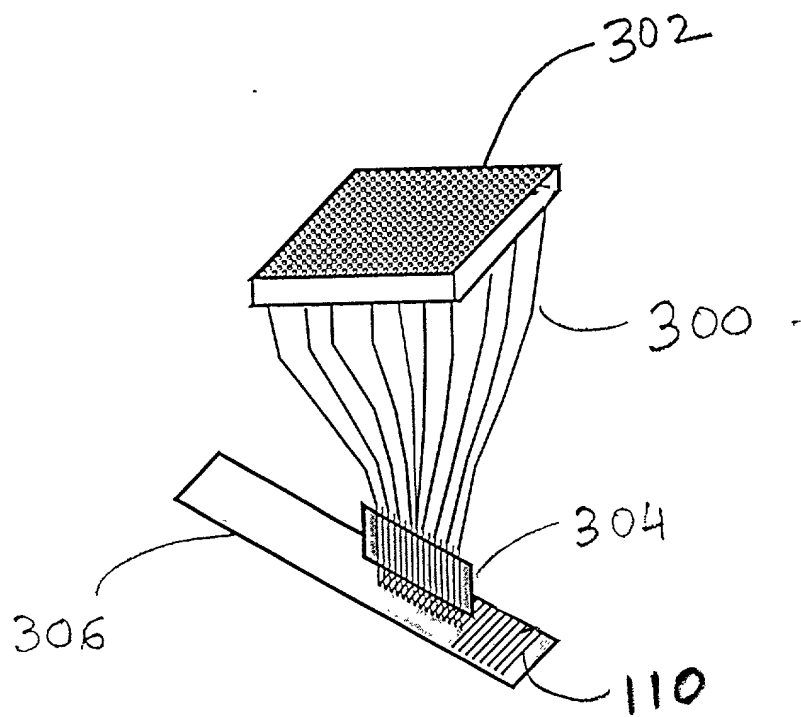


FIG 3

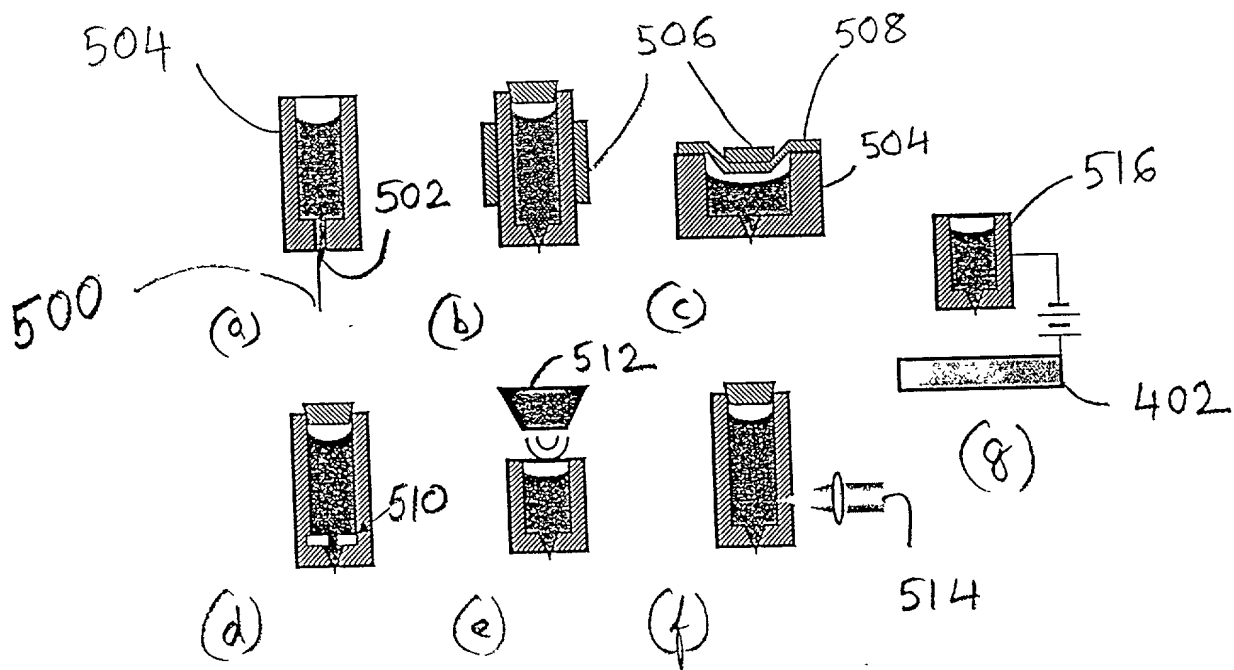
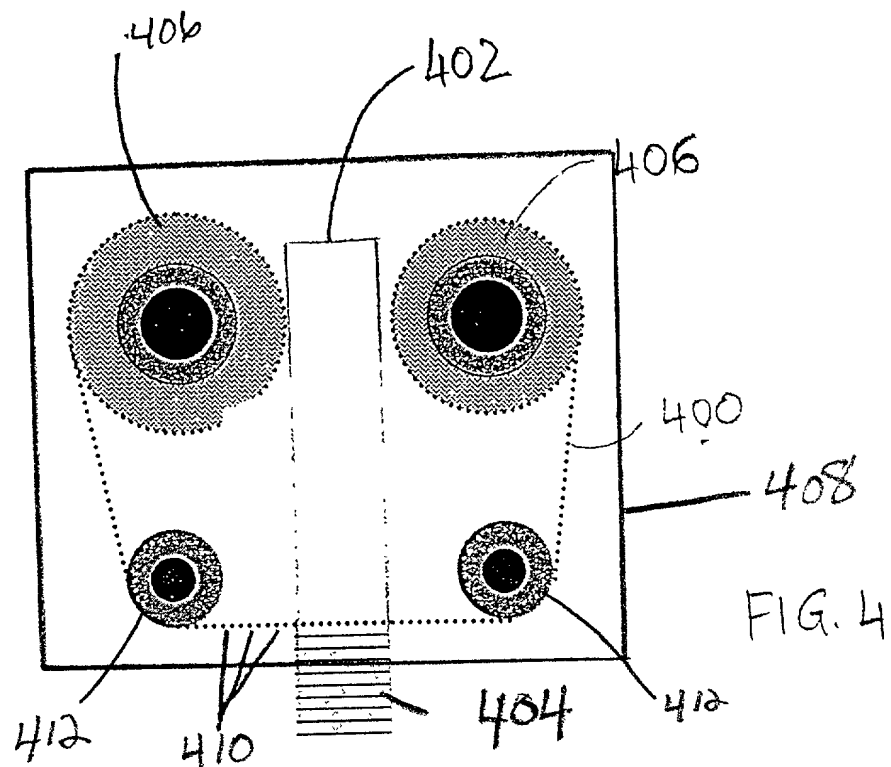


FIG. 5

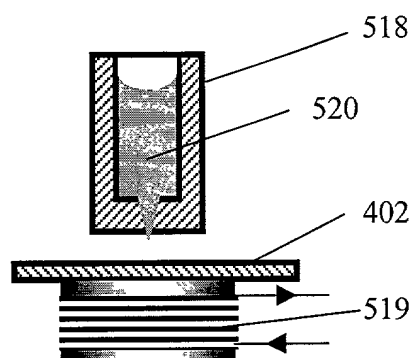


Fig. 5h

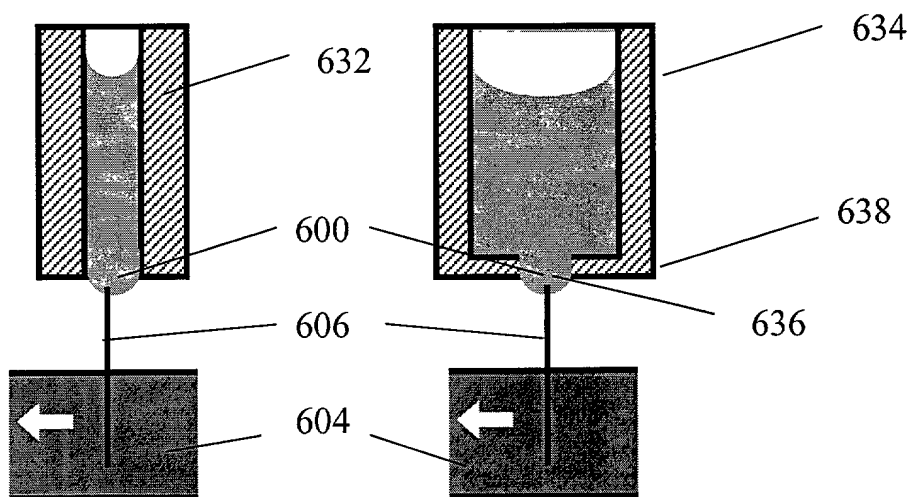


Fig. 6e

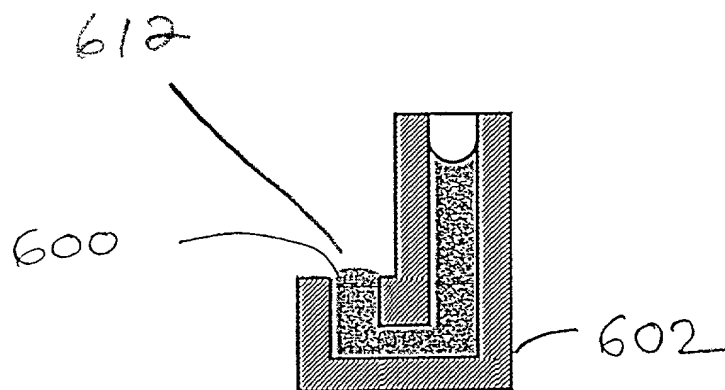


FIG. 6a

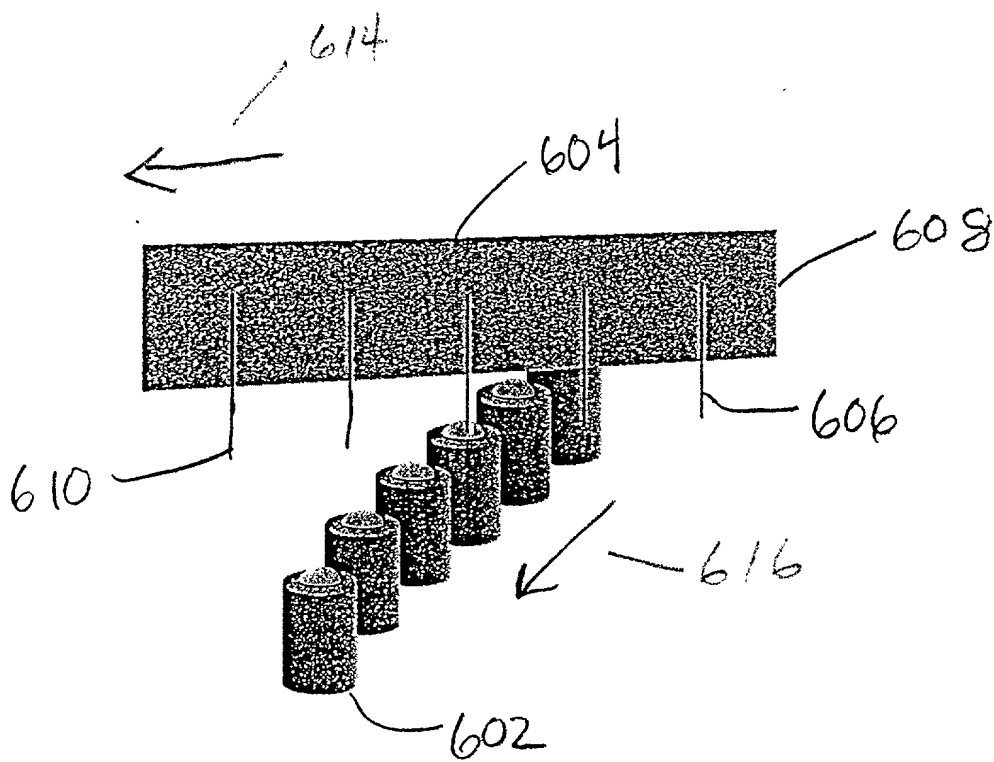


FIG 6b

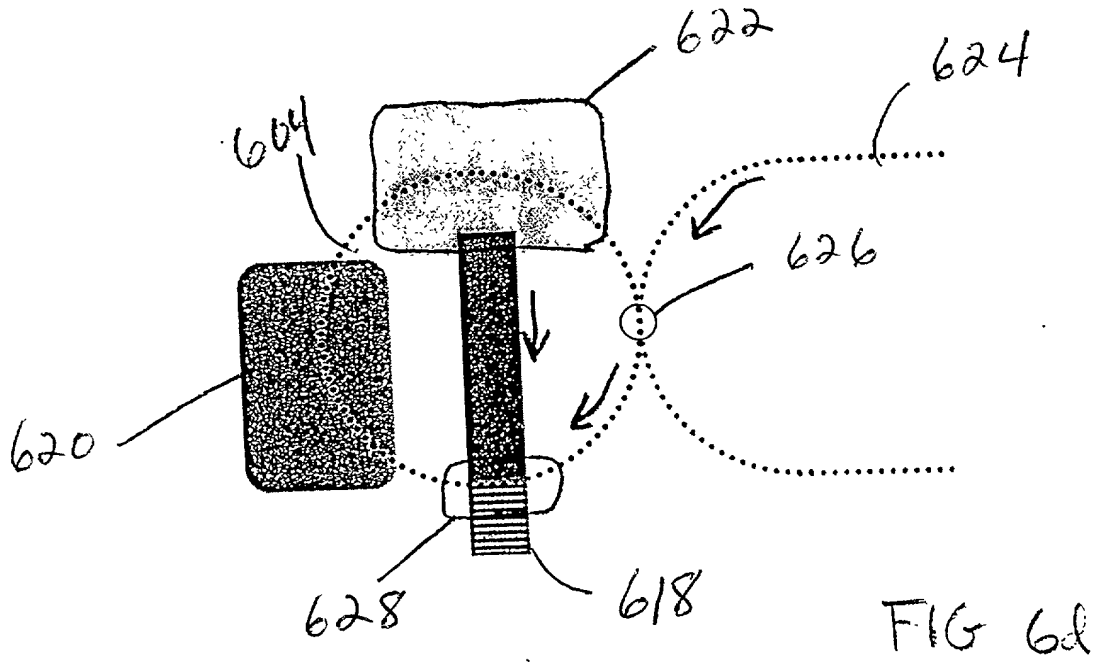
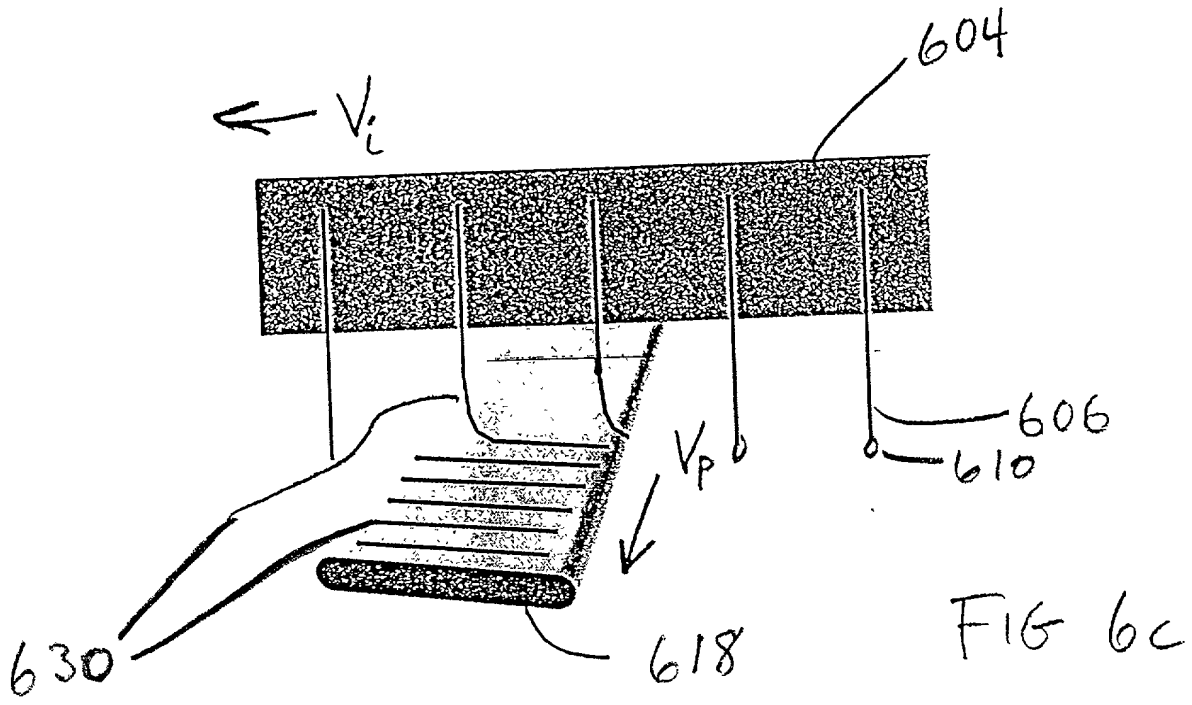


FIG. 7a

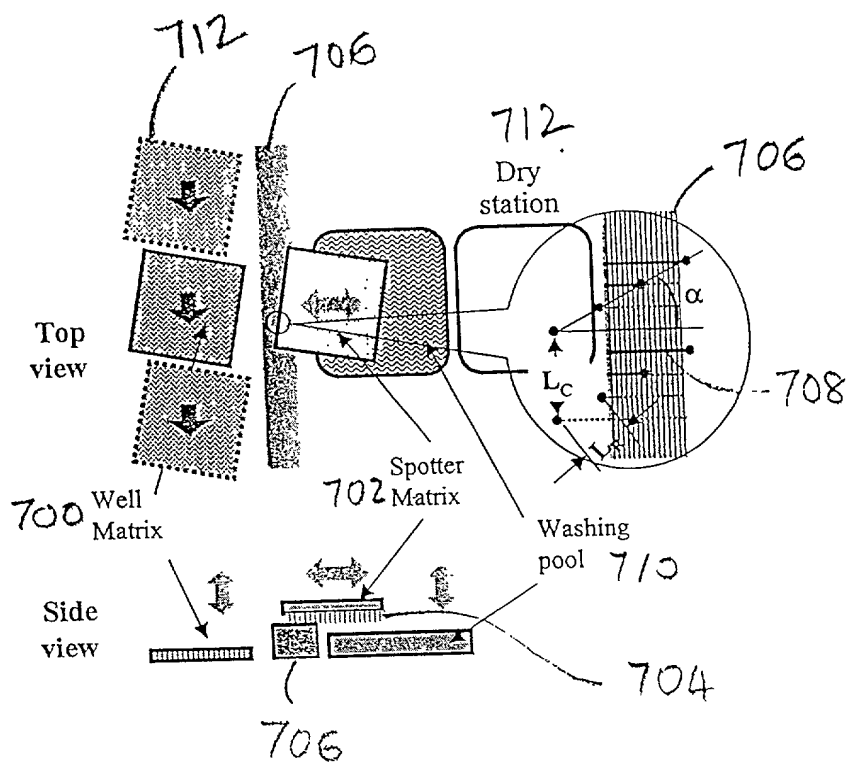


FIG. 7b

Figure 7 Thread fabrication system design No. 4 suitable for custom array fabrication



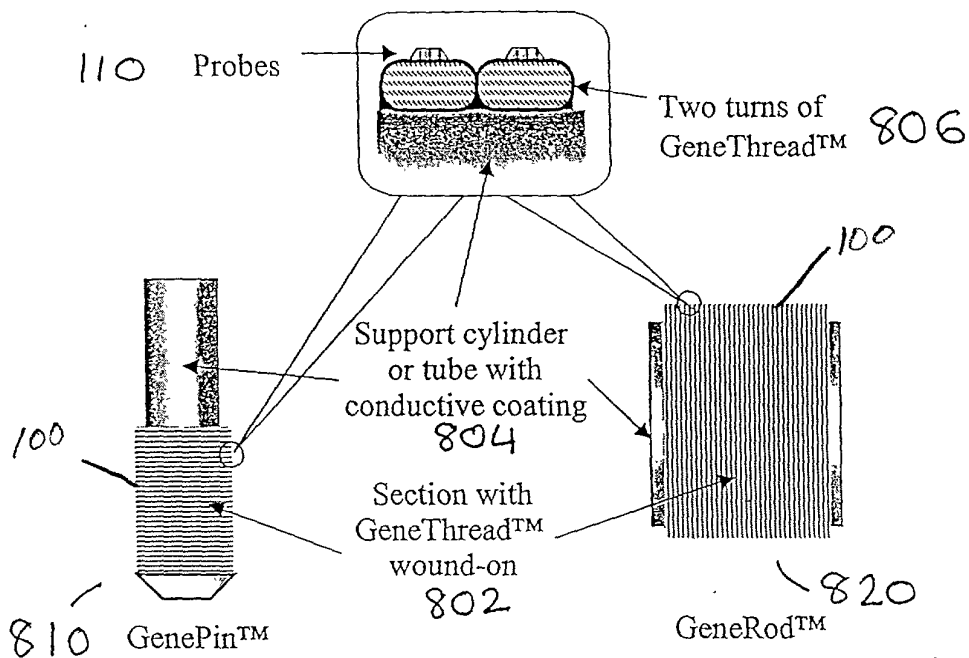


Figure 8 Configurations of GenePin™ and GeneRod™

FIG. 8

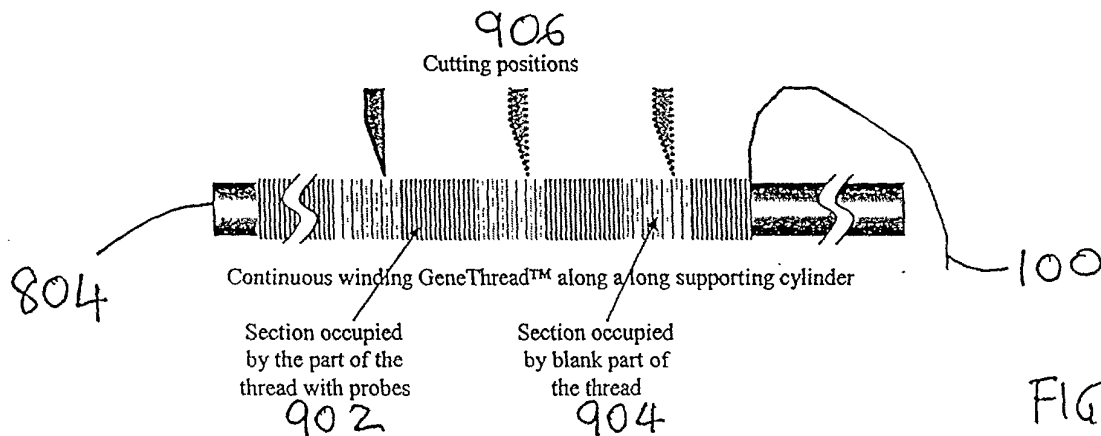


Figure 9 GenePin™ and GeneRod™ fabrication method

FIG. 9

FIG. 10a

Fig. 10a

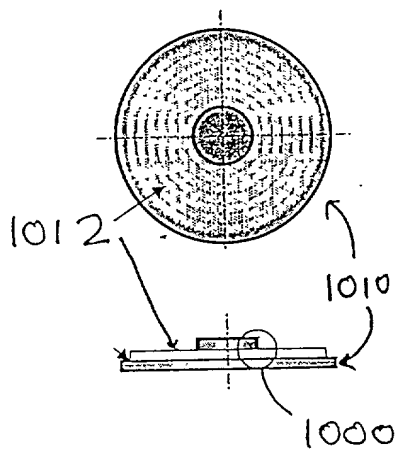


Fig. 10b

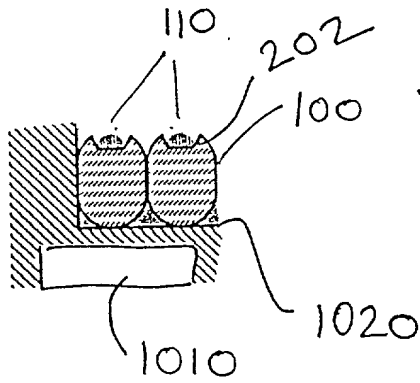
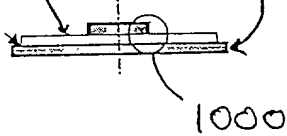


Fig. 10c

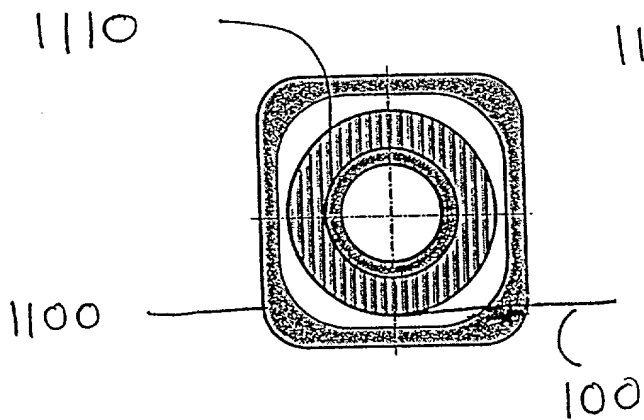


Fig. 11a

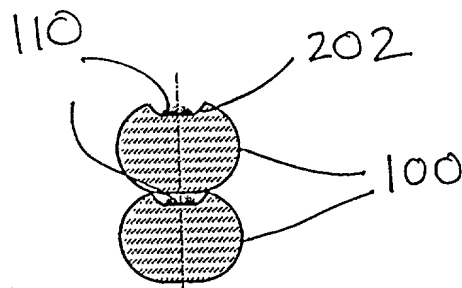


Fig. 11b

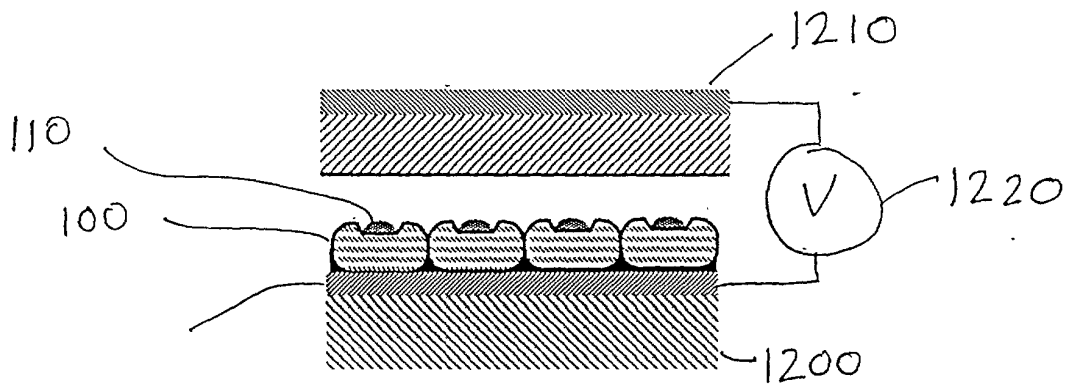


Fig. 12

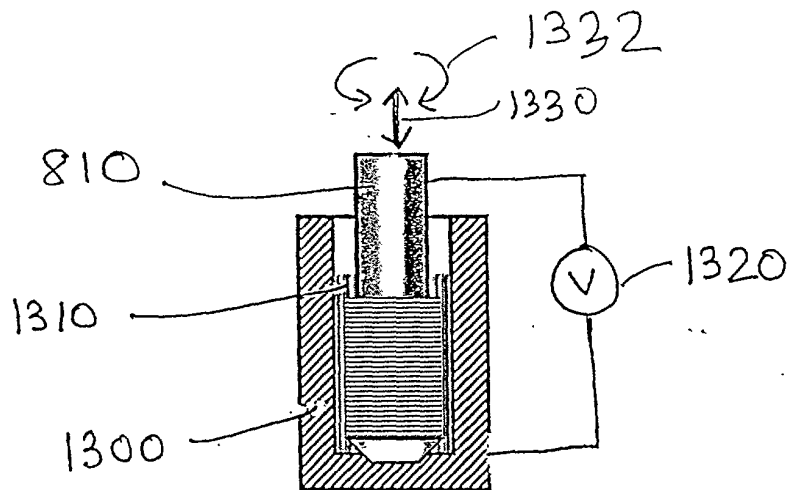


Fig. 13

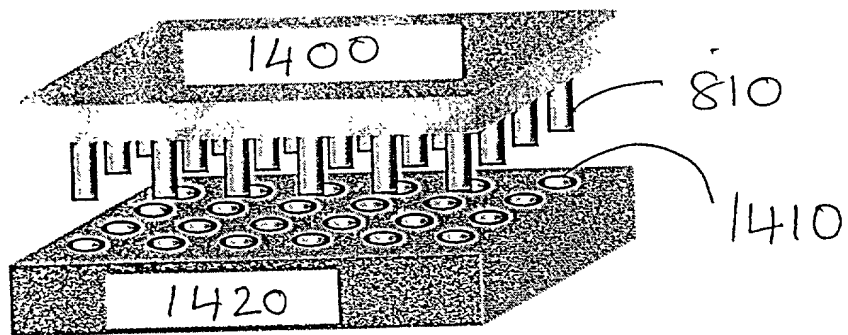


FIG. 14

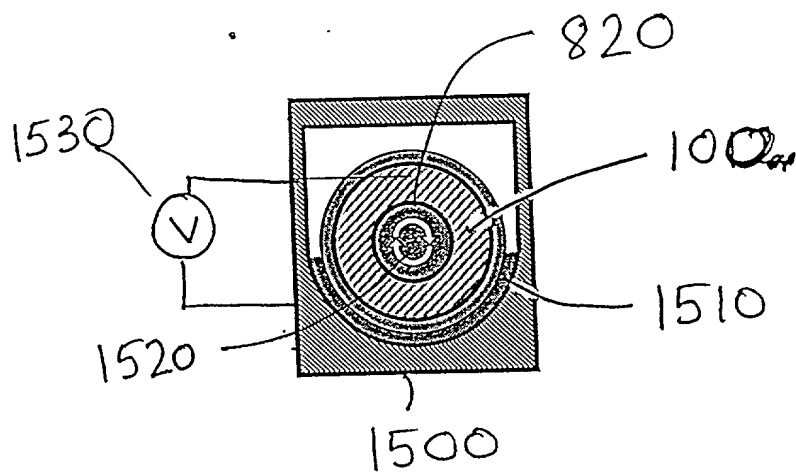


FIG. 15

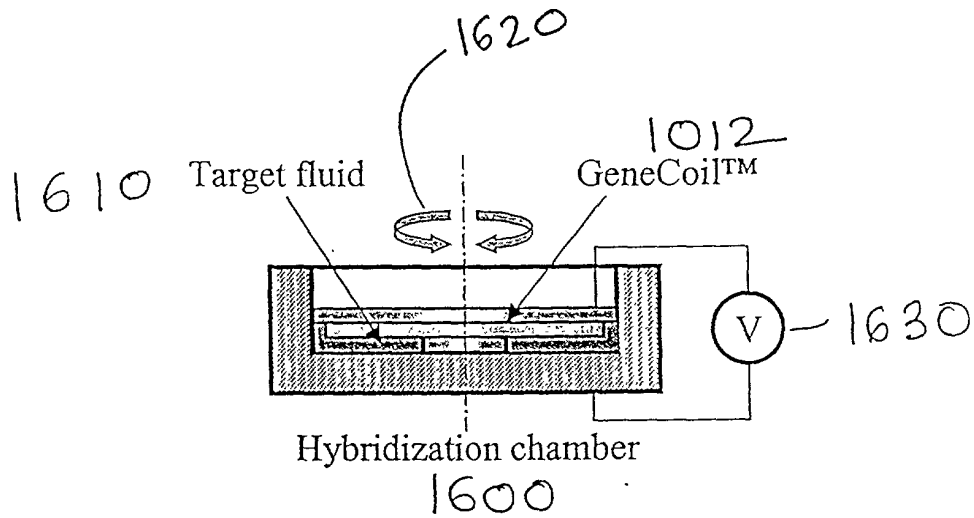


FIG. 16

Figure 16 Hybridization equipment for GeneCoil™

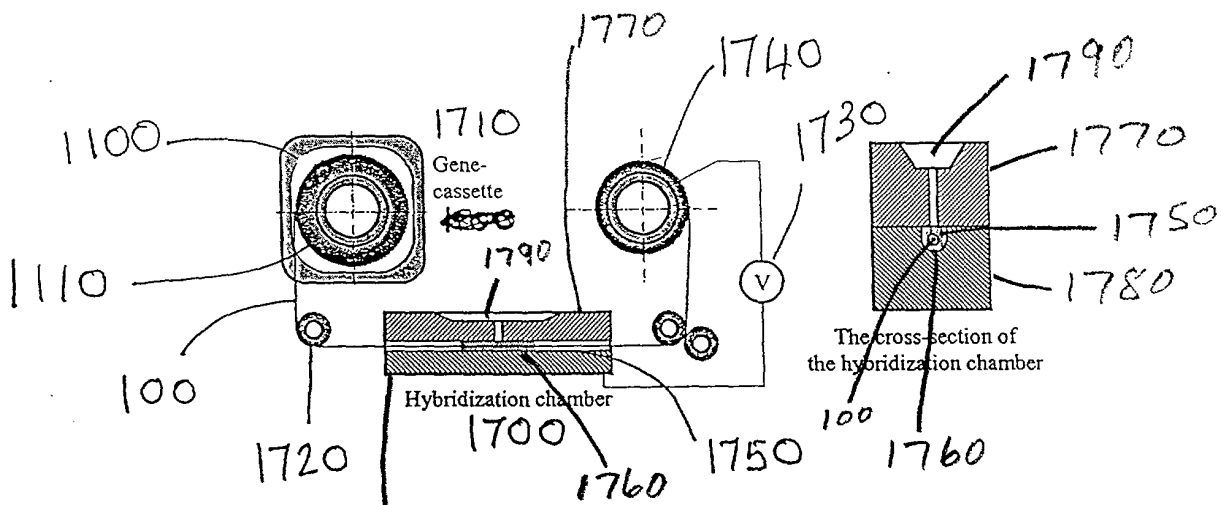


FIG. 17a

FIG. 17b

Figure 17 Hybridization equipment for GeneSpool™

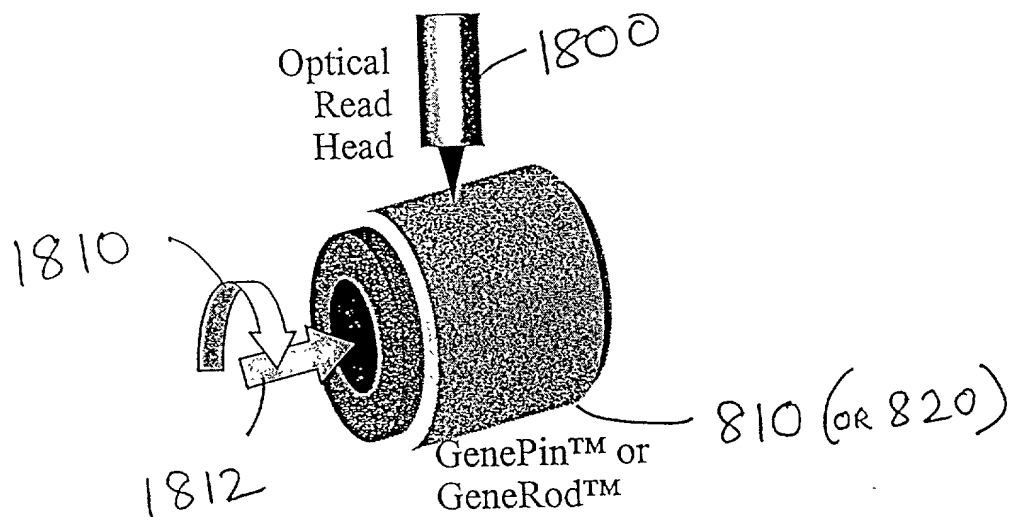


Figure 18 Probe scanning in GenePin™ or GeneRod™ formats

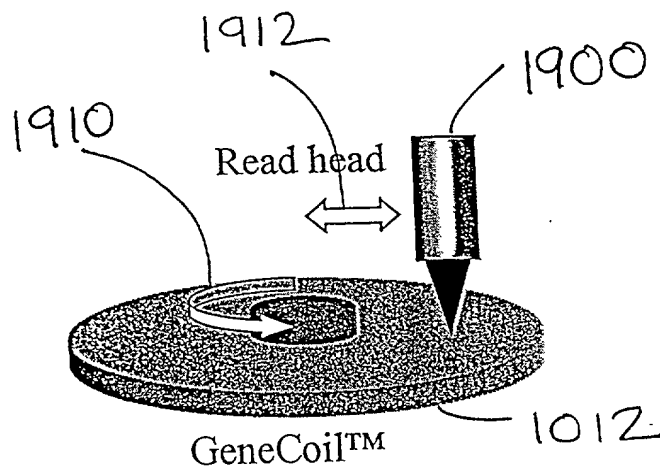


Figure 19 Probe scanning in GeneCoil™ format

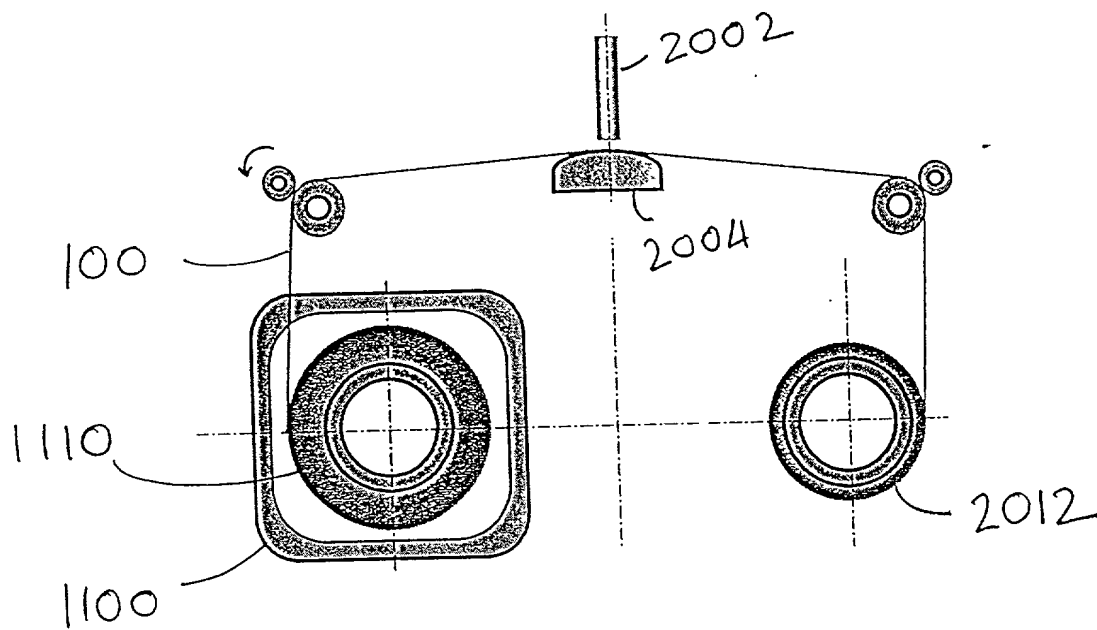


FIG. 20